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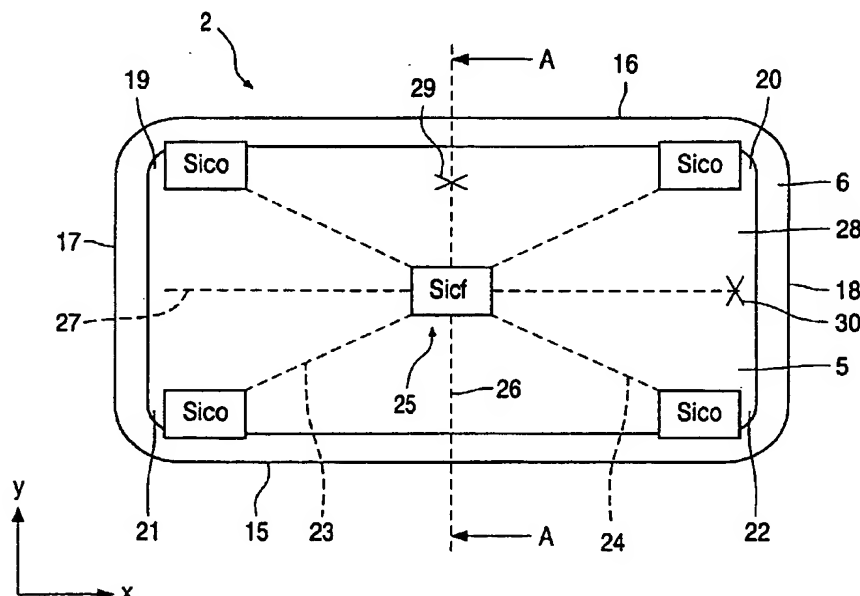
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(54) Title: GLASS PANEL FOR A CATHODE RAY TUBE



(57) Abstract: The invention relates to a glass panel (2) for a cathode ray tube, in particular a real flat panel, comprising a substantially rectangular display window (5) having an upright edge (6) along its periphery. The glass panel (2) meets the following stress distribution criterion: $S_{icor} > S_{icz}$ where S_{icor} is a compressive inside surface stress at a corner (19, 20, 21, 22) of the display window (5) and S_{icz} is a compressive inside surface stress at a center face (25) of the display window (5). Preferably, the ratio of S_{icor} / S_{icz} is higher than or equal to 1.05 and lower than or equal to 2.0. As a result of this particular stress distribution, the strength and the mechanical safety of the panel (2) are increased, so that the glass thickness of the panel (2) and/or thermal processing speeds may be reduced.

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